

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** An application program prediction method by which a mobile terminal, having installed therein a plurality of application programs, predicts at least one application program that a user is likely to use, comprising:

an application executing step of selecting and executing an application program installed in the mobile terminal;

a location detecting step of detecting a location where the mobile terminal exists when the application program is executed in said the application executing step;

a usage history creating step of creating a usage history of the application program by storing the application program in association with the location of the mobile terminal when the application program is executed, the application program being executed in said the application executing step, and the location of the mobile terminal being detected in said the location detecting step; and

a predicting step of determining a predetermined location, searching for the location in the usage history, and presenting, as a prediction result, the application program associated with the location searched for in the usage history and the predetermined location,

wherein the predicting step includes a future location predicting step of predicting a future location of the mobile terminal, a specifying step of specifying, based on the usage history, an application program corresponding to the future location predicted in the future location predicting step, and a presenting step of presenting the application program specified in the specifying step, as a prediction result of an application program that the user is likely to use in the future.

2. **(Currently Amended)** The application program prediction method according to Claim 1,

wherein said the predicting step further includes:

a current location detecting step of detecting a current location of the mobile terminal;

a current application specifying step of specifying, based on the usage history, an

application program corresponding to the current location detected in said the current location detecting step; and

a current application presenting step of presenting the application program specified in said the current application specifying step, as a prediction result of an application program that the user is likely to use currently.

3. **(Currently Amended)** The application program prediction method according to Claim 2,

wherein in said the usage history creating step, the usage history is created, the usage history including a name of the application program executed in said the application executing step and a content for the application program inputted by a user's operation,

in said the current application specifying step, a content corresponding to the current location detected in said the current location detecting step is further specified based on the usage history, and

in said the current application presenting step, the content specified in said the current application specifying step is further presented as a content of the application program that the user is likely to use currently.

4. **(Currently Amended)** The application program prediction method according to Claim 3,

wherein in said the current application specifying step, an e-mail is specified as an application program corresponding to the current location detected in said the current location detecting step, and

in said the current application presenting step, a prediction result is presented, the prediction result indicating that the e-mail is specified as the application program that the user is likely to use currently.

5. **(Currently Amended)** The application program prediction method according to Claim 4,

wherein in ~~said~~the current application specifying step, a destination of the e-mail is specified as a content corresponding to the current location detected in ~~said~~the current location detecting step, and

in ~~said~~ the current application presenting step, the destination is presented.

6. **(Currently Amended)** The application program prediction method according to Claim 4,

wherein in ~~said~~ the current application specifying step, a template of a text of the e-mail is specified as a content corresponding to the current location detected in ~~said~~ the current location detecting step, and

in ~~said~~said the current application presenting step, the template is presented.

7. **(Canceled)**

8. **(Currently Amended)** The application program prediction method according to Claim 7, further comprising:

a movement history creating step of creating a movement history of the mobile terminal in association with a calendar attribute,

wherein in ~~said~~the future location predicting step, a location corresponding to a calendar attribute indicating a time later than a current time is specified based on the movement history, and the specified location is regarded as a future location of the mobile terminal.

9. **(Currently Amended)** The application program prediction method according to Claim 8,

wherein in ~~said~~the usage history creating step, the usage history is created, the usage history including a name of the application program executed in ~~said~~the application executing step and a content for the application program inputted by a user's operation,

in said ~~the~~ specifying step, a content corresponding to the future location predicted in said ~~the~~ future location predicting step is further specified based on the usage history, and

in said ~~the~~ presenting step, the content specified in said ~~the~~ specifying step is further presented as a content of the application program that the user is likely to use in the future.

10. **(Currently Amended)** The application program prediction method according to Claim 9, further comprising:

a power detecting step of detecting a remaining amount of power of the mobile terminal;

a calculating step of calculating an amount of power which is to be consumed when the application program and the content specified in said ~~the~~ specifying step are used; and

a message presenting step of presenting a message prompting to charge when the remaining amount of power detected in said ~~the~~ power detecting step is smaller than the amount of power consumption calculated in said ~~the~~ calculating step.

11. **(Currently Amended)** The application program prediction method according to Claim 10, further comprising:

a sending step of sending current location information indicating a current location of the mobile terminal to a predetermined apparatus via a communication network;

an obtaining step of obtaining, from the predetermined apparatus, charging place information indicating a place where the mobile terminal can be charged, in the vicinity of the location indicated in the current location information; and

a charging place presenting step of presenting the charging place based on the charging place information obtained in said ~~the~~ obtaining step.

12. **(Currently Amended)** The application program prediction method according to Claim 9,

wherein the content is distribution data to be distributed via a communication network, and

said ~~the~~ application program prediction method further comprises:

a judging step of judging whether or not the mobile terminal holds a latest version of the distribution data specified in said the specifying step; and

a presenting step of presenting a message for notifying that the mobile terminal does not hold the latest version of the distribution data, when it is judged in said the judging step that the mobile terminal does not hold the latest version.

13. **(Currently Amended)** The application program prediction method according to Claim 12, further comprising:

a sending step of sending current location information indicating a current location of the mobile terminal to a predetermined apparatus via a communication network;

an obtaining step of obtaining, from the predetermined apparatus, obtainment place information indicating a data obtainment place where the mobile terminal can obtain the latest version of the distribution data, in the vicinity of the location indicated in the current location information; and

an obtainment place presenting step of presenting the data obtainment place based on the obtainment place information obtained in said the obtaining step.

14. **(Currently Amended)** The application program prediction method according to Claim 8,

wherein in said the future location predicting step, a location at which the mobile terminal existed with the most frequency is specified based on the movement history, from among locations associated with the calendar attributes indicating the times later than the current time.

15. **(Currently Amended)** The application program prediction method according to Claim 8,

wherein in said the future location predicting step, a location to which the mobile terminal moved next with the most frequency, starting from the current location and the current time indicated by a current calendar attribute, is specified based on the movement history.

16. **(Currently Amended)** The application program prediction method according to Claim 7~~1~~,

wherein ~~said~~the future location predicting step includes:

a station specifying step of specifying a station where the mobile terminal currently exists, through communication carried out between the mobile terminal and a device placed in the station; and

a retrieving step of retrieving, from a past route search result, an arrival station corresponding to a departure station that is the station specified in ~~said~~the station specifying step, and

the arrival station retrieved in ~~said~~the retrieving step is regarded as the future location of the mobile terminal.

17. **(Currently Amended)** The application program prediction method according to Claim 7~~1~~,

wherein ~~said~~the future location predicting step includes:

a route specifying step of specifying a route on which the station where the mobile terminal currently exists is located, through communication carried out between the mobile terminal and a device placed in the station; and

a retrieving step of retrieving, from a past e-mail history, a station which is located on the route specified in ~~said~~the station specifying step, and

the station retrieved in ~~said~~the retrieving step is regarded as the future location of the mobile terminal.

18. **(Currently Amended)** The application program prediction method according to Claim 1, further comprising:

a mode setting step of setting an operation mode of the mobile terminal;

a setting location detecting step of detecting a location of the mobile terminal where the operation mode is set in ~~said~~the mode setting step;

a setting history creating step of creating a setting history of the operation mode set in

~~said~~the mode setting step, in association with the location detected in ~~said~~the setting location detecting step; and

a mode predicting step of specifying an operation mode corresponding to a current location of the mobile terminal based on the setting history, and presenting the set operation mode as a prediction result.

19. **(Currently Amended)** A mobile terminal that predicts at least one application program that a user is likely to use from among a plurality of pre-installed application programs, comprising:

an application execution unit operable to select and execute an application program installed in the mobile terminal;

a location detection unit operable to detect a location where said mobile terminal exists when the application program is executed by said application execution unit;

a usage history creation unit operable to create a usage history of the application program by storing the application program in association with the location of the mobile terminal when the application program is executed, the application program being executed said application executing unit, and the location of the mobile terminal being detected by said location detecting unit ; and

a prediction unit operable to determine a predetermined location, searching for the location in the usage history; and presenting, as a prediction result, the application program associated with the location searched for in the usage history and the predetermined location,

wherein the predicting unit includes a future location prediction unit operable to predict a future location of the mobile terminal, a specification unit operable to specify, based on the usage history, an application program corresponding to the location predicted by said future location predicting unit, and a presentation unit operable to present the application program specified by said specification unit, as a prediction result of an application program that the user is likely to use in the future.

20. **(Currently Amended)** The mobile terminal according to Claim 19, wherein said prediction unit further includes:
a current location detection unit operable to detect a current location of said mobile terminal;
a current application specification unit operable to specify, based on the usage history, an application program corresponding to the location detected by said current location detection unit; and
a current application presentation unit operable to present the application program specified by said specification unit, as a prediction result of an application program that the user is likely to use currently.
21. **(Currently Amended)** The mobile terminal according to Claim 20, wherein said usage history creation unit is operable to create the usage history that includes a name of the application program executed by said application execution unit and a content for the application program inputted by a user's operation,
said current application specification unit is further operable to specify, based on the usage history, a content corresponding to the location detected by said current location detection unit, and
said current application presentation unit is further operable to present the content specified by said specification unit, as a content of the application program that the user is likely to use currently.
22. **(Canceled)**
23. **(Currently Amended)** The mobile terminal according to Claim ~~22~~19, further comprising
a movement history creation unit operable to create a movement history of said mobile terminal in association with a calendar attribute,
wherein said future location prediction unit is operable to specify, based on the movement

history, a location corresponding to a calendar attribute indicating a time later than a current time, and to regard the specified location as a future location of said mobile terminal.

24. **(Currently Amended)** The mobile terminal according to Claim ~~22~~19, wherein said future location prediction unit includes:
a station specification unit operable to specify a station where said mobile terminal currently exists, by communicating with a device placed in the station; and
a retrieval unit operable to retrieve, from a past route search result, an arrival station corresponding to a departure station that is the station specified by said specification unit, and
said future location prediction unit is operable to regard the arrival station retrieved by said retrieval unit as the future location of said mobile terminal.

25. **(Currently Amended)** The mobile terminal according to Claim ~~22~~19, wherein said future location prediction unit includes:
a route specification unit operable to specify a route on which the station where said mobile terminal currently exists is located, by communicating with a device placed in the station; and
a retrieval unit operable to retrieve, from a past e-mail history, a station which is located on the route specified by said route specification unit, and
said future location prediction unit is operable to regard the station retrieved by said retrieval unit as the future location of said mobile terminal.

26. **(Original)** The mobile terminal according to Claim 19, further comprising:
a mode setting unit operable to set an operation mode of said mobile terminal;
a setting location detection unit operable to detect a location of said mobile terminal where the operation mode is set by said mode setting unit;
a setting history creation unit operable to create a setting history of the operation mode set by said mode setting unit, in association with the location detected by said location detection unit; and

a mode prediction unit operable to specify an operation mode corresponding to a current location of said mobile terminal based on the setting history, and to present the operation mode as a prediction result.

27. **(Currently Amended)** A program used for a mobile terminal having installed therein a plurality of application programs, the program causing the mobile terminal to execute a method of predicting at least one application program that a user is likely to use, comprising:

an application executing step of selecting and executing an application program installed on the mobile terminal;

a location detecting step of detecting a location where the mobile terminal exists when the application program is executed in said the application executing step;

a usage history creating step of creating a usage history of the application program by storing the application program in association with the location of the mobile terminal when the application program is executed, the application program being executed in said the application executing step, and the location of the mobile terminal being detected in said the location detecting; and

a predicting step of determining a predetermined location, searching for the location in the usage history, and presenting, as a prediction result, the application program associated with the location searched for in the usage history and the predetermined location,

wherein the predicting step includes a future location predicting step of predicting a future location of the mobile terminal, a specifying step of specifying, based on the usage history, an application program corresponding to the future location predicted in the future location predicting step, and a presenting step of presenting the application program specified in the specifying step, as a prediction result of an application program that the user is likely to use in the future.